

Sub D-1

1 6. (new) A fitting system for in situ fitting at least one hearing device to
2 the auditory needs of an individual with said hearing device applied comprising
3 a fitting calculator unit with an input and with a setting signal output being
4 linkable to a setting input of a hearing device applied to said individual;
5 and
6 a rating unit with an output and generating at said output an output signal as a
7 response of said individual's appraisal of an auditory stimulus;
8 said output of said rating unit being linked to said input of said fitting calculator
9 unit and said setting signal output of said calculator unit being linkable
10 to said setting input of said hearing device at said individual via a
11 bidirectional interface unit;
12 said fitting calculator generating setting signals for said hearing device as a
13 function of said output signal of said rating unit.

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1 7. (new) The fitting system of claim 6, wherein said bidirectional interface
2 is an I2C interface.

1 8. (new) The fitting system of claim 6, wherein said rating unit is at least
2 one of a keypad and of a voice input device.

1 9. (new) The fitting system of claim 6, wherein said bidirectional interface
2 unit is a standalone unit and comprises an output/input for signals to and from said
3 input and said setting output of said fitting calculator unit and an output linkable to
4 said setting input of said hearing device and an input linked to said output of said
5 rating unit.

1 10. (new) The fitting system of claim 6, wherein at least one of a link
2 between said setting signal output of said calculator unit and said setting input of a
3 hearing device and of a link between said output of said rating unit and said input of
4 said fitting calculator unit comprises a wireless link.

1 11. (new) A method for fitting at least one hearing device comprising:
2 Applying to an individual a hearing device with a setting input;

3 exposing said individual with said hearing device to an auditory stimulus;
4 having said individual input his appraisal of said auditory stimulus to a rating
5 unit;
6 communicating a signal in dependency of said appraisal to a fitting calculator
7 unit;
8 calculating setting values by said fitting calculator unit in dependency of said
9 appraisal signals;
10 communicating from said fitting calculator unit said setting signal to a setting
11 input of said hearing device at said individual, thereby performing
12 communication of said appraisal signals to said fitting calculator unit
13 and of said setting signal to said hearing device via a bidirectional
14 interface.